EP 1 287 688 B1

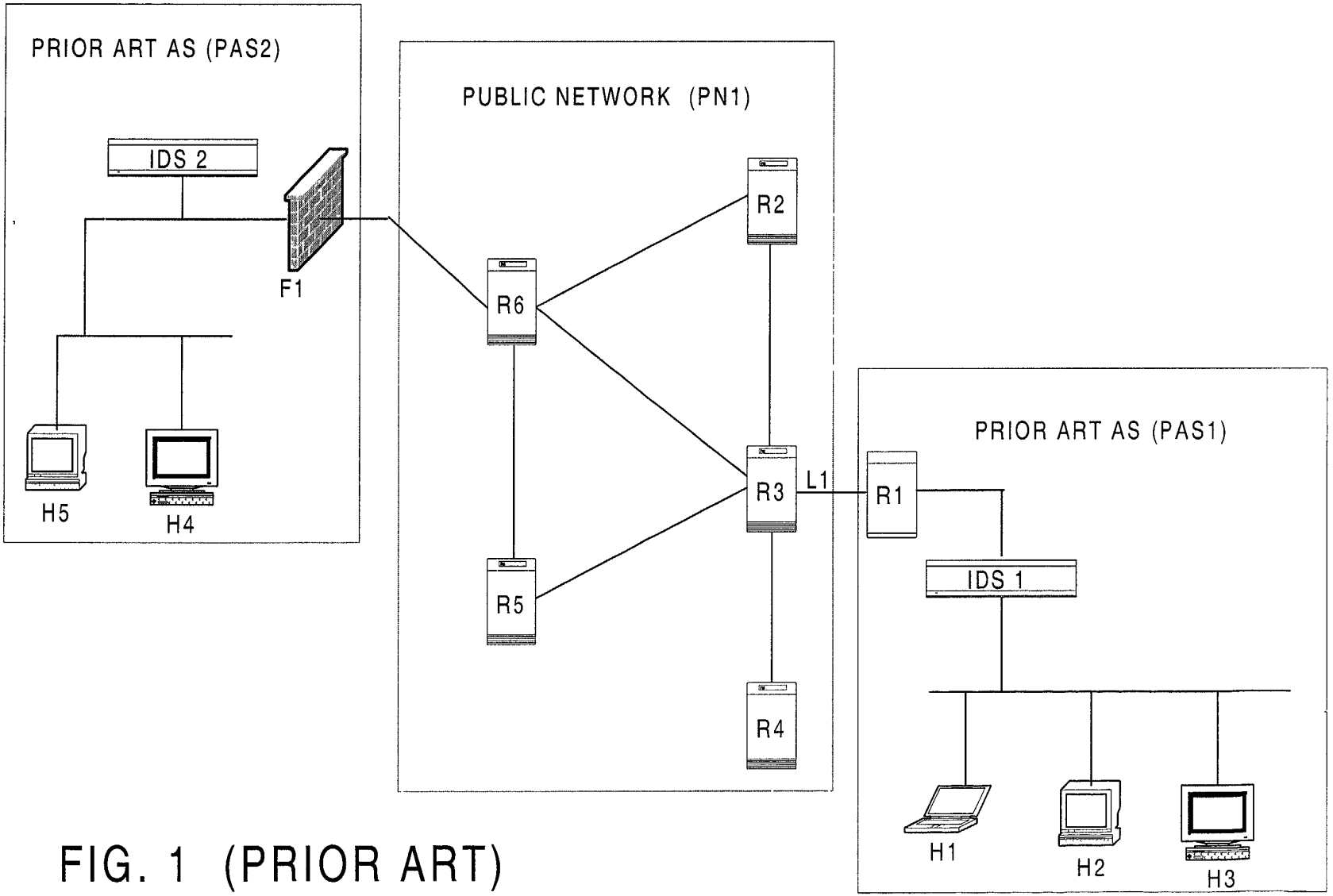

FIG. 1 (PRIOR ART)

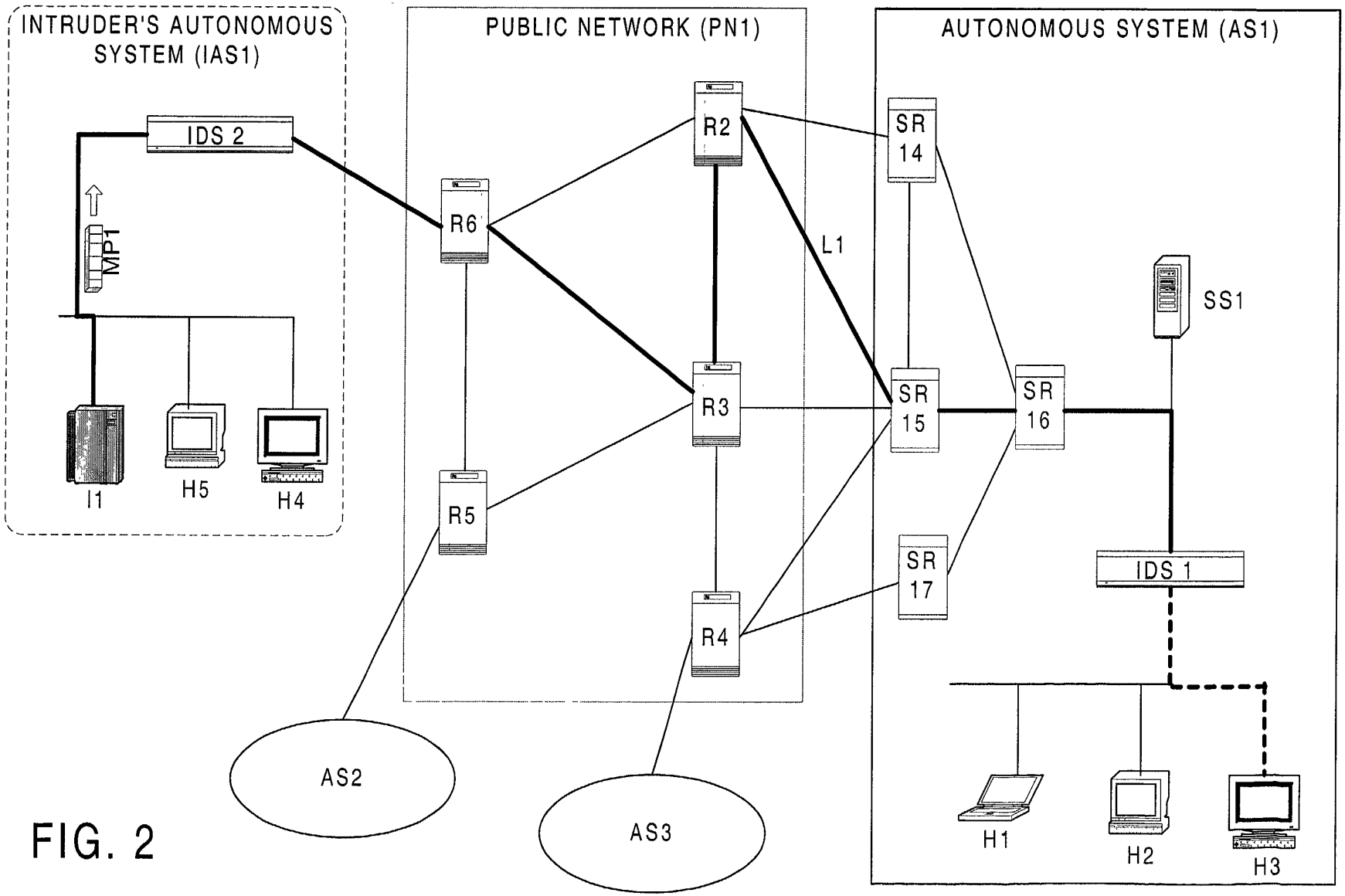
INTRUDER'S AUTONOMOUS SYSTEM (IAS1)
IDS 2
MP1
I1
H5
H4
PUBLIC NETWORK (PN1)
R6
R2
R3
R5
R4
L1
AUTONOMOUS SYSTEM (AS1)
SR 14
SR 15
SR 16
SR 17
SS1
IDS 1
H1
H2
H3
AS2
AS3

FIG. 2

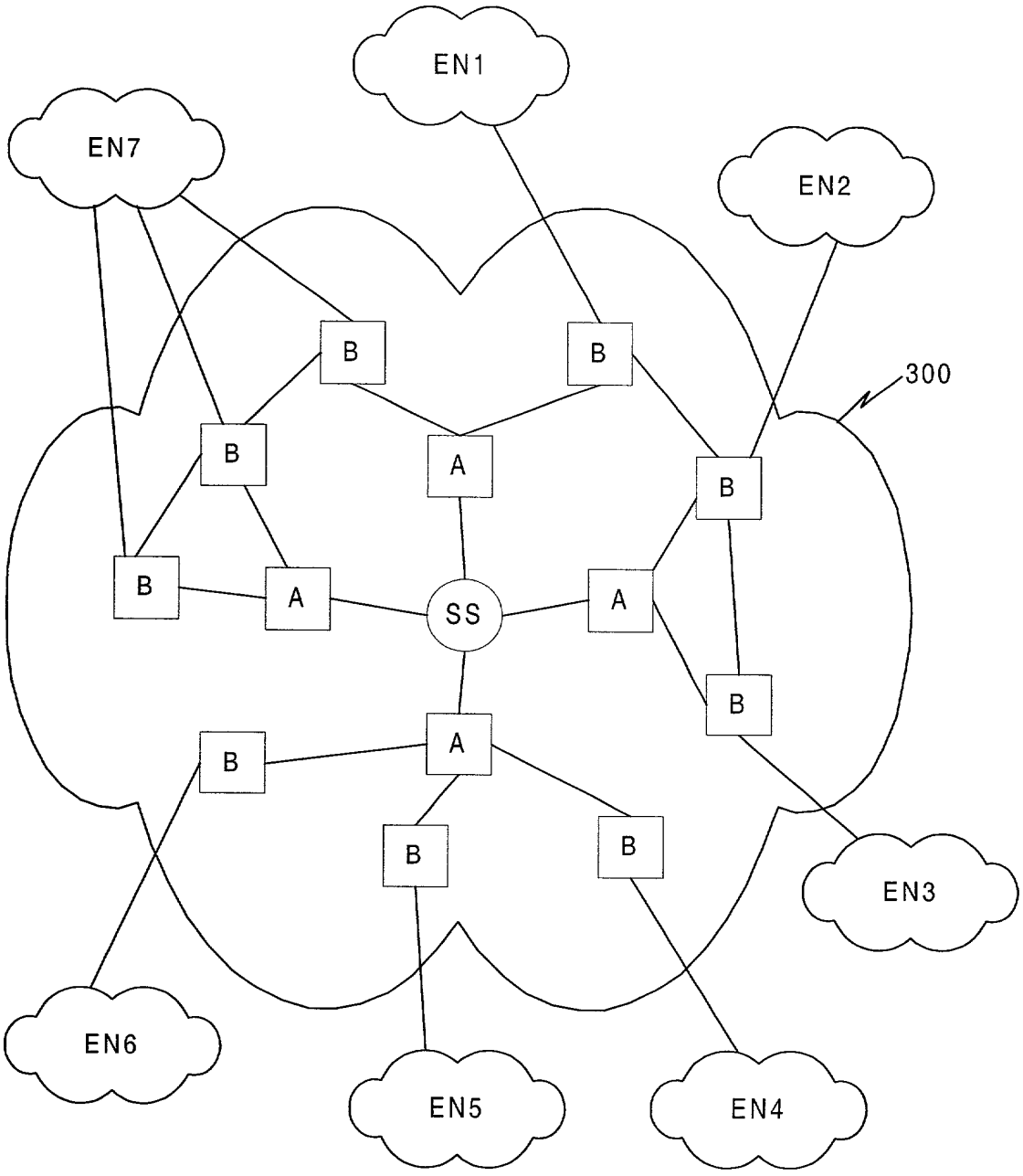

FIG. 3

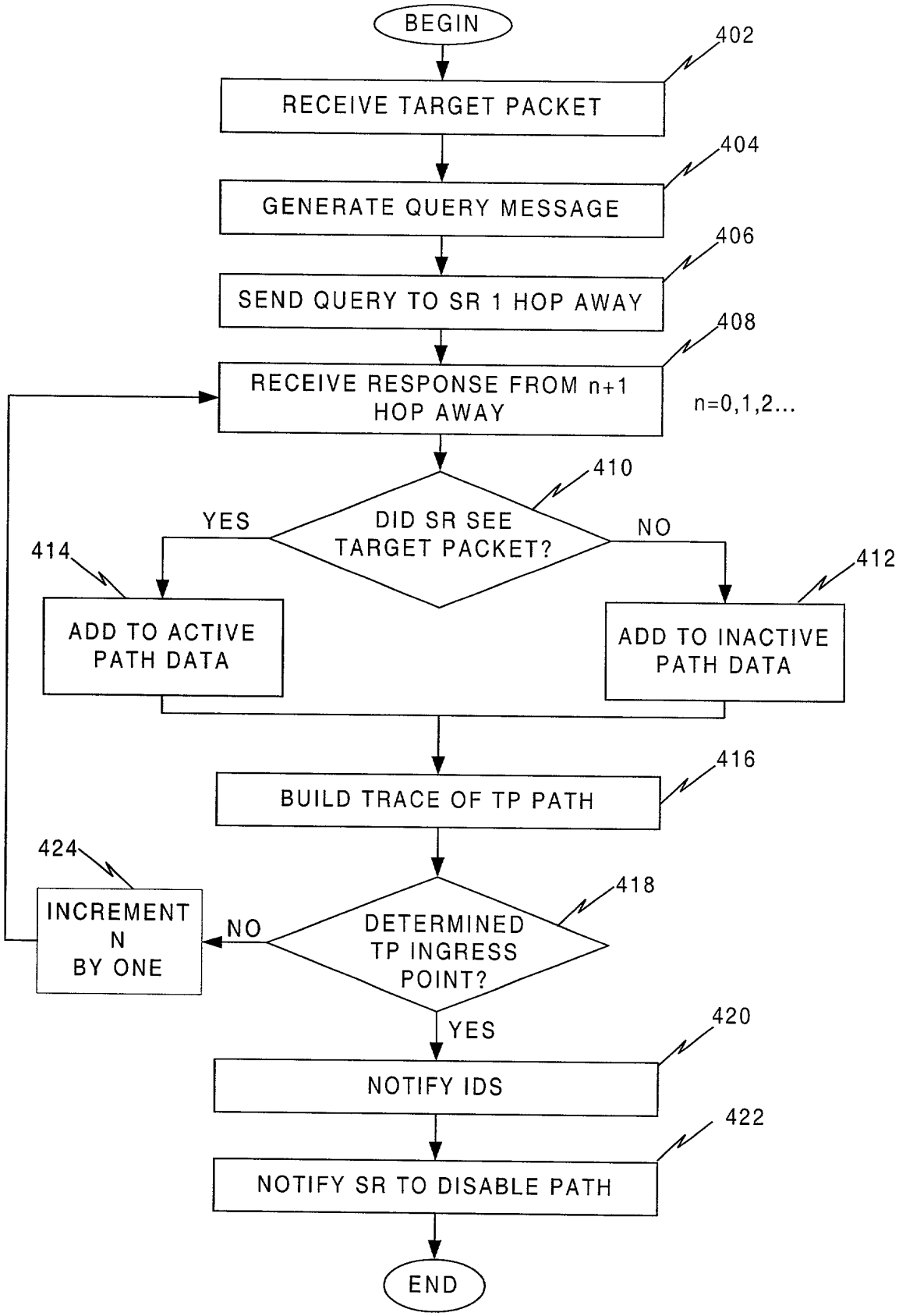
BEGIN
402
RECEIVE TARGET PACKET
404
GENERATE QUERY MESSAGE
406
SEND QUERY TO SR 1 HOP AWAY
408
RECEIVE RESPONSE FROM n+1 HOP AWAY
n=0,1,2...
410
DID SR SEE TARGET PACKET?
YES
NO
414
ADD TO ACTIVE PATH DATA
412
ADD TO INACTIVE PATH DATA
416
BUILD TRACE OF TP PATH
424
INCREMENT N BY ONE
418
DETERMINED TP INGRESS POINT?
NO
YES
420
NOTIFY IDS
422
NOTIFY SR TO DISABLE PATH
END

FIG. 4

500

Target ID:
Time:
Source:

NODE ID	LINK	NODE RESPONSE	NODE TIME	TRANS-FORMED	STATUS
01	001	YES	01:00:40.000	NO	OFF
02	002	YES	01:00:40.200	NO	OFF
03	003	NO			ON
04	004	YES	01:00:41.000	YES	OFF
04	004	YES	01:00:41.005	YES	OFF
●	---	---	---	---	---
●	---	---	---	---	---
•	---	---	---	---	---
n	006	NO			ON

Fig. 5

FOREIGN LANGUAGE

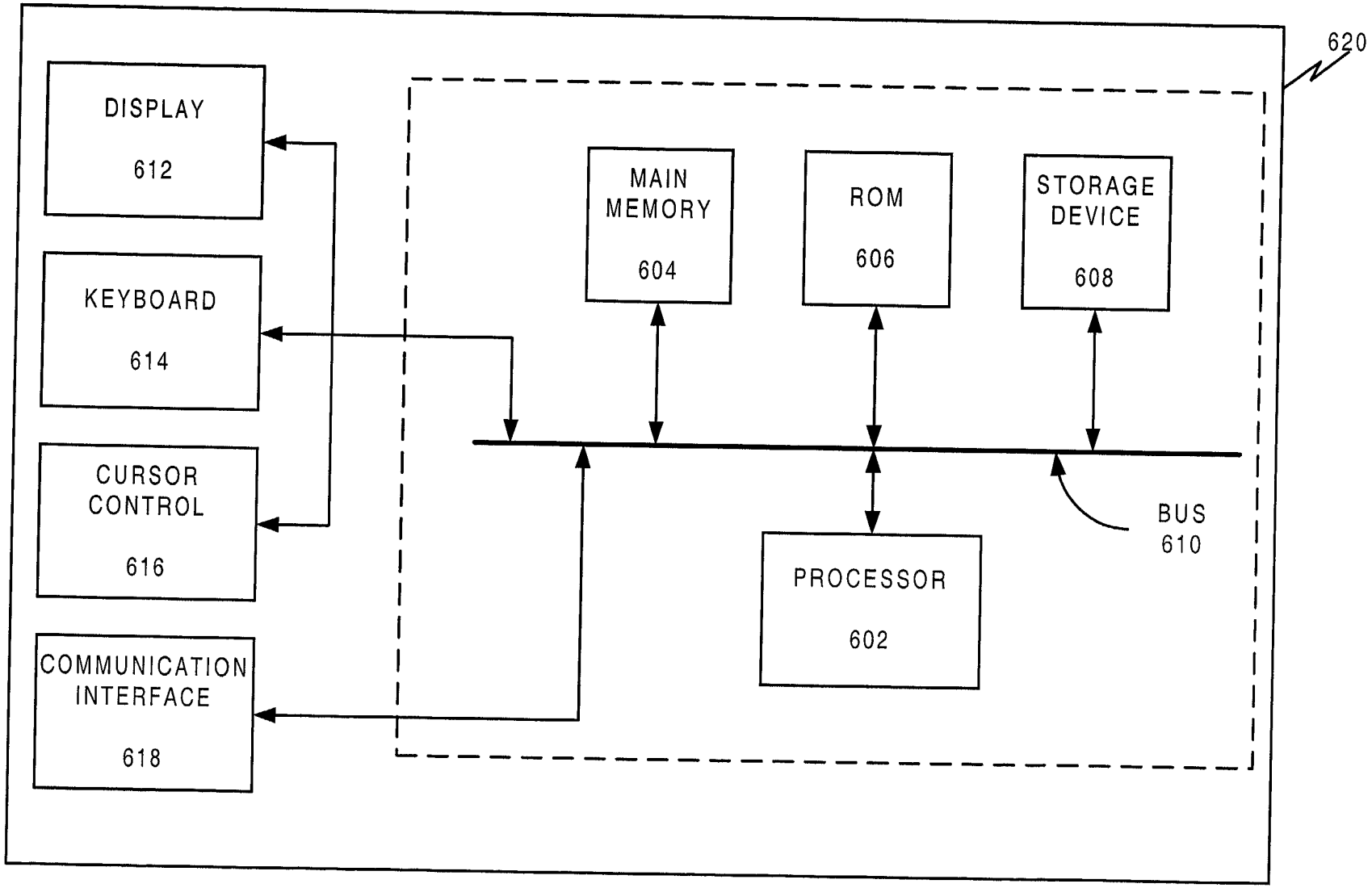

Fig. 6